Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 05 Oct 2023 until 23:59 on Friday 06 Oct 2023

Forecast Issued on Wednesday 04 Oct 2023 at 15:23

Confidence: High for rather unsettled through the next few days but lower for timings of arrival and clearance of the rain.

Headline for Thursday 05 Oct 2023: Cloudy with rain at times, especially in afternoon. Strong southwesterly winds.

Mountain weather hazards on Thursday 05 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Partly cloudy (night)	Light rain	Cloudy	Light rain	Heavy Rain	Light rain	Light rain
Precipitation probability							
50%	10%	60%	40%	60%	80%	80%	80%

Forecast for Thursday 05 Oct 2023

Weather: Western hills mostly cloudy through the early hours but eastern hills drier with clear spells, although cloud increasing towards dawn. Then a mostly cloudy day with occasional rain, perhaps a few brighter spells in the east. The rain becomes more persistent and occasionally heavy across western hills during the afternoon. Further mainly light rain is expected through the evening.

Chance of cloud-free hill tops above 600m: Around 40% through the morning across eastern hills, otherwise little chance.

Low Cloud and visibility: Periods or persistent above about 450-600m, but more occasional above 750m at times through the morning in the east, with patches developing above 300m at times through the afternoon over western hills. Otherwise visibility good falling to several kilometres in more persistent rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 05 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/30 W	16/23 W	16/24 SW	18/26 SW	21/31 SW	24/36 SW	24/37 SW	23/36 SW	24/37 SW
300	13/26 W	11/22 W	11/22 SW	12/24 SW	13/27 SW	15/31 SW	14/29 SW	14/29 SW	15/31 SW
Valley	7/19 W	6/16 SW	9/20 SW	11/23 SW	13/27 SW	13/28 SW	14/30 SW	14/29 SW	14/29 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/7	10/7	10/7	10/6	10/6	10/6	11/7	12/8
300	12/10	12/10	12/10	12/10	12/10	12/9	12/10	13/11	14/11
Valley	13/12	13/12	13/12	14/12	14/12	13/11	13/11	14/12	15/12
Freezing Level*	2300m	2200m	2200m	2200m	2700m	3100m	2700m	2700m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph expected over ridges and summits from mid-afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 04 Oct 2023	9.4mm	22mm	22mm

Forecast for Friday 06 Oct 2023

Weather: Cloudy with outbreaks of rain, heaviest and most persistent across western hills through the morning, the rain gradually clearing northeast through the afternoon with some brighter spells developing. Risk of further occasionally heavy rain in the evening.

Maximum wind: Southwesterly 20-30mph, with gusts around 50mph over ridges and summits.

Chance of cloud-free hill tops above 600m: Little chance through the morning becoming, especially over eastern hills, nearer 60% for a time in the afternoon.

Low Cloud and visibility: Periods or persistent cloud 450-600m, patches around 300m in west, becoming occasional or periods above 600-750m for a time in the afternoon, especially in the east. Otherwise visibility good falling to several kilometres in more persistent rain, becoming very good for a time in the east.

Temperature: **Valleys:** Plus 13 Celsius rising to plus 17 Celsius
At 600m: Plus 12 Celsius
Freezing level: Well above the summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.